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1. (Currently Amended) A method for providing navigation information supporting navigation through different images of one or more video programs, comprising the steps of:

parsing encoded packetized data representative of a sequence of individual images to determine parameters to support navigation through said sequence of individual images;

formatting said determined parameters into a predetermined data structure; [and]

incorporating said determined parameters in said predetermined data structure into a pre-formed navigation data field; and  
providing said encoded packetized data and said pre-formed  
navigation data field as an output in said second data format, wherein,

said data format conversion converts at least one of, (a) volume structure, (b) file structure, and (c) navigation data, compliant with said first data format into at least one of, (a) a different volume structure, (b) a different file structure, and (c) different navigation data comprising said navigation data field, compliant with said second data format.

2. (Original) A method according to claim 1, wherein said derived parameters comprise at least one of, (a) data identifying a group of pictures (GOP) format, (b) a number of GOPs in a video object unit (VOBU), (c) data identifying reference frames in a VOBU or GOP, (d) a start address of image representative data, (e) an end address of image representative data, (f) a parameter identifying size of image representative data, (g) trick play mode selection information and (h) file structure information.

3. (Original) A method according to claim 1, wherein  
said derived parameters in said navigation data field support  
navigation through images in at least one of, (a) a frame, (b) a group of pictures  
(GOP), (c) a video object unit (VOBU), (d) a program, (e) different programs and (f)  
video data of different MPEG compatible elementary streams.

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4. (Original) A method according to claim 3, wherein  
said different programs comprise a video program and an associated  
program comprising one of, (i) audio data, (ii) Internet web page data, (iii) text data,  
and (iv) program guide data.

5. (Original) A method according to claim 3, wherein  
said different programs comprise two different video programs.

6. (Original) A method according to claim 1, wherein said incorporating  
step comprises  
incorporating said determined parameters in a previously blank area of  
said pre-formed navigation data field.

7. (Original) A method according to claim 1, including the step of  
incorporating an indicator in a datastream including said encoded packetized data  
and said navigation data field to indicate said determined parameters are  
incorporated in said navigation data field.

8. (Original) A method according to claim 1, wherein said pre-formed  
navigation data field comprises a header and a payload and said determined  
parameters are incorporated in said navigation data field payload.

9. (Original) A method according to claim 1, including the step of  
forming said pre-formed navigation data field to accommodate subsequent insertion  
of said determined parameters.

10. (Original) A method according to claim 1, wherein said encoded  
packetized data is stored and said parsing occurs in response to initiation of a data  
format conversion operation.

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11. (Currently Amended) A method for converting image representative digital video data in a first data format to a different second data format in response to initiation of data format conversion, comprising the steps of:

generating navigation parameters to support navigation through a sequence of individual images by parsing encoded packetized data representative of a sequence of individual images in said first data format, wherein said navigation parameters are derived from at least one of: navigational information related to the sequence of individual images and file structure information;

incorporating said navigation parameters into a navigation data field;  
and

providing an output comprising packetized data representative of a sequence of individual images in said different second data format including said navigation data field in a different data format and a different file structure.

12. (Original) A method according to claim 11, wherein said step of incorporating said navigation parameters into said navigation data field comprises re-formatting an existing navigation data field with said navigation parameters.

13. (Original) A method according to claim 6, wherein  
said first data format comprises a read only data format and  
said second data format comprises a different recordable data format.

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14. (Original) A method for converting image representative digital video data of a first data format to a different second data format in response to initiation of data format conversion, comprising the steps of:

    parsing encoded packetized data representative of a sequence of individual images in a first data format to derive parameters to support navigation through said sequence of individual images, wherein the packetized data comprises at least one of: navigation data related to the sequence of individual images and file structure information;

    incorporating said derived parameters into a pre-formed navigation data field; and

    providing said encoded packetized data and said pre-formed navigation data field as an output in said second data format in at least one of: new navigation data format and new file structure format.

15. (Original) A method according to claim 14, wherein said derived parameters comprise at least one of, (a) data identifying a group of pictures (GOP) format, (b) a number of GOPs in a video object unit (VOBU), (c) data identifying reference frames in a VOBU or GOP, (d) a start address of image representative data, (e) an end address of image representative data, (f) a parameter identifying size of image representative data, (g) trick play mode selection information and (h) file structure information.

16. (Original) A method according to claim 15, wherein  
    said derived parameters in said navigation data field support  
navigation through images in at least one of, (a) a frame, (b) a group of pictures  
(GOP), (c) a video object unit (VOBU), (d) a program, (e) different programs and (f)  
video data of different MPEG compatible elementary streams.

17. (Original) A method according to claim 16, wherein  
    said different programs comprise a video program and an associated  
program comprising one of, (i) audio data, (ii) Internet web page data, (iii) text data,  
and (iv) program guide data.

18. (Original) A method according to claim 16, wherein  
    said different programs comprise two different video programs.

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19. (Original) A method according to claim 14, including the step of incorporating an indicator in a datastream including said encoded packetized data and said navigation data field to indicate data format conversion has been performed.

20. (Original) A method according to claim 14, wherein said pre-formed navigation data field comprises a header and a payload and said determined parameters are incorporated in said navigation data field payload.

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)